

BOBBY JINDAL
GOVERNOR



HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20090001
Agency Interest No. 1329

Pete Maraia
Facility Manager
American Sugar Refining, Inc.
7417 N Peters St
Arabi, LA 70032

RE: Part 70 Operating Permit modification, Chalmette Cane Sugar Refinery
American Sugar Refining, Inc., Arabi, St. Bernard Parish, Louisiana

Dear Mr. Maraia:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 11 of April, 2011, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2009

Permit No.: 2500-00009-V1

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:tam
c: EPA Region VI

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Chalmette Cane Sugar Refinery
Agency Interest No.: 1329
American Sugar Refining, Inc.
Arabi, St. Bernard Parish, Louisiana**

I. Background

American Sugar Refining Inc., Chalmette Cane Sugar Refinery, has been in operation since 1909. The facility has operated under the names of Amstar Sugar Corporation, Domino Sugar Corporation, and Tate and Lyle North American Sugars, Inc. The facility operated under Small Source Permit No. 2738 issued August 3, 2001 for rail car loading. The facility presently operates under Permit No. 2500-00009-V0 which was granted April 10, 2006.

This facility was first permitted in September 1974 for a fuel oil conversion. Fuel oil was to be used instead of natural gas during times of natural gas curtailment. Five high pressure boilers, two low pressure boilers, and nineteen retort type kilns were to be fired with No. 6 fuel oil as needed. The construction of two 15,000 bbl fuel oil storage tanks was approved separately in August of 1974.

Permit No. 2500-00009-V0 was issued April 10, 2006 to update emission factors and eliminate fuel oil combustion. Prior to the issuance of Permit No. 2500-00009-V0, the refinery was permitted to burn fuel oil as well as natural gas.

This is the Part 70 operating permit modification for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by American Sugar Refining, Inc. on January 27, 2009 requesting a minor modification to the current Part 70 operating permit. Additional information dated May 1, 2009 was also received.

III. Description

The Chalmette Cane Sugar Refinery currently produces refined granulated sugar, confectionery sugar, blackstrap molasses, and several specialty products. Raw cane sugar is received by ship, barge, truck, and rail and is stored in sheds until processed. The raw sugar is refined through the processes of affination, carbonation, press filtration, bone char defecation, crystallization, and centrifugation. The drying operation consists of countercurrent flows of hot air and sugar, creating dust which is recovered by cyclone gravimetric separation and wet scrubbing.

In the production of powdered sugars, granulated sugar is pulverized along with cornstarch (or, in the case of a specialty product, malto-dextrin) in a rotary mill. The product is collected in a modified baghouse which acts not only to collect product but as a control device as well.

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Chalmette Cane Sugar Refinery
Agency Interest No.: 1329
American Sugar Refining, Inc.
Arabi, St. Bernard Parish, Louisiana**

Other existing control features include wet scrubbers for the control of particulate in the form of sugar dust. All but one of the scrubbers (from the 1991 modification) shall have an efficiency of at least 99.8%. The fifth scrubber, a beater rotocclone (Emission Point 45-89) shall be at least 98% efficient. Emission Point 46-89 (a rotocclone replaced in 1991) shall be at least 98% efficient. All the wet scrubbers added in 1995, Emission Points 050-95, 051-95, 052-95, 053-95 and 054-95, shall be at least 95% efficient. The gravity collector, Emission Point 056-95, and fabric filter, Emission Point 055-95, shall be at least 95% efficient. The emissions from the hydrochloric acid tanks, Emission Points 057-95 and 058-95, shall be controlled with wet limestone injection having an efficiency of at least 90%. Emissions from the phosphoric acid tank and the aqua ammonia tank, Emission points 059-95 and 060-95, are sent to the aeration basin in the waste water treatment plant. This process has a controlled efficiency of at least 90%.

With this modification, American Sugar Refining, Inc. proposes to update emissions for Boilers 1 and 7 utilizing the most recent stack test data and reconcile emissions for the remaining boilers with the most current and accurate literature. A Boiler Cap will be created for operational flexibility by capping natural gas usage and limiting NOx emissions to prevent the facility from becoming a major source under definition of PSD. Increased maximum hourly emission rates for all boilers, a permit specific condition to establish a Boiler Cap, and a correction to the naming of the High Pressure Boilers (EQT076 – EQT080) will also be included in this modification.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	242.19	245.82	+ 3.63
SO ₂	1.19	1.45	+ 0.26
NO _x	227.60	249.30	+ 21.70
CO	99.33	121.72	+22.39
VOC *	12.01	13.65	+ 1.64

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Chalmette Cane Sugar Refinery
Agency Interest No.: 1329
American Sugar Refining, Inc.
Arabi, St. Bernard Parish, Louisiana

***VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):**

Pollutant	Before	After	Change
Ammonia	0.040	0.040	-
Hydrochloric Acid	0.006	0.006	-
Total	0.046	0.046	-

Other VOC (TPY): 13.604

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70 and the Louisiana Air Quality Regulations. Prevention of Significant Deterioration (PSD), New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply.

This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

Permit No. 2500-00009-V0 required Chalmette Cane Sugar Refinery to perform compliance stack testing on Boilers 1 and 7. During testing, both boilers were run at near full capacity to achieve maximum lb/hr emission rates. Boiler 1 NOx emissions and Boiler 7 NOx and CO emissions were above the maximum lb/hr permitted levels. The potential to emit with the resulting higher NOx emission factors would cause the facility to become a major source under PSD. A Boiler Cap limiting natural gas usage and NOx emissions will be put in place combining emissions from Boiler 1 and 7, and the High Pressure Boilers to prevent the facility from exceeding the 250 tons per year PSD major source threshold.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Chalmette Cane Sugar Refinery
Agency Interest No.: 1329
American Sugar Refining, Inc.
Arabi, St. Bernard Parish, Louisiana**

condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed modification were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

VIII. General Condition XVII Activities

No activities submitted with permit application.

IX. Insignificant Activities

ID No.:	Description	Citation
-	Lawn maintenance	LAC 33:III.501.B.5.B.1
-	Blackstrap molasses tank	LAC 33:III.501.B.5.A.10
-	Fuel oil tanks	LAC 33:III.501.B.5.A.3
-	Lime receiving and silo vent	LAC 33:III.501.B.5.B.40
-	Bulk sugar car washing	LAC 33:III.501.B.5.B.3
-	Calcium carbonate hauling	LAC 33:III.501.B.5.B.40
-	Diesel fire pump testing*	LAC 33:III.501.B.5.B.41
-	Lab hoods	LAC 33:III.501.B.5.A.6

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Chalmette Cane Sugar Refinery
Agency Interest No.: 1329
American Sugar Refining, Inc.
Arabi, St. Bernard Parish, Louisiana**

IX. Insignificant Activities (Cont'd)

-	Liquid lime tanks	LAC 33:III.501.B.5.B.40
-	Polymer addition sites for drinking water and WWTP	LAC 33:III.501.B.5.B.8
EQT 74	Phosphoric acid tank	LAC 33:III.501.B.5.A.4
-	Raw sugar discharge at dock	LAC 33:III.501.B.5.B.1
-	Lawn maintenance	LAC 33:III.501.B.5.B.1

* This item currently qualify as insignificant activities. Any replacement of these items by new engines that are affected sources under either NSPS IIII or JJJJ, will require a permit modification and a removal of the sources from the insignificant activities list.

Chalmette Cane Sugar Refinery
Agency Interest No.: 1329
American Sugar Refining, Inc.
Arabi, St. Bernard Parish, Louisiana

X. **Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	LAC 33:III Chapter																
		2	5▲	9	11	13	15	2103	2104*	2107	2111	2115	2116*	2121	22	51*	56	59*
UNF1	Entire Facility	1	1	1	1	1	1								2	1	2	
EQT 1	001-74 - #7 Boiler																	
EQT 2	002-74 - #1 Boiler																	
EQT 7	005-74A - Char Kiln North (Kiln 6)																	
EQT 8	005-74B - Char Kiln North (Kiln 7)																	
EQT 9	005-74C - Char Kiln North (Kiln 8)																	
EQT 10	005-74D - Char Kiln North (Kiln 13)																	
EQT 11	005-74E - Char Kiln North (Kiln 14)																	
EQT 12	005-74F - Char Kiln North (Kiln 15)																	
EQT 13	006-74A - Char Kiln South (Kiln 16)																	
EQT 14	006-74B - Char Kiln South (Kiln 17)																	
EQT 15	006-74C - Char Kiln South (Kiln 18)																	
EQT 16	006-74D - Char Kiln South (Kiln 22)																	
EQT 17	006-74E - Char Kiln South (Kiln 23)																	
EQT 18	006-74F - Char Kiln South (Kiln 24)																	
EQT 19	006-74G - Char Kiln South (Kiln 33)																	
EQT 20	006-74H - Char Kiln South (Kiln 34)																	
EQT 21	006-74I - Char Kiln South (Kiln 35)																	

Chalmette Cane Sugar Refinery
 Agency Interest No.: 1329
 American Sugar Refining, Inc.
 Arabi, St. Bernard Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter															
		2	5▲	9	11	13	15	2103	2104*	2107	2111	2115	2116*	2121	22	51*	56
EQT 22	006-74J - Char Kiln South (Kiln 36)							1	3								
EQT 23	006-74K - Char Kiln South (Kiln 37)							1	3								
EQT 24	006-74L - Char Kiln South (Kiln 38)							1	3								
EQT 25	007-74 - Fuel Oil Storage Tank North									3							
EQT 26	008-74 - Fuel Oil Storage Tank South									3							
EQT 29	010-74 - Silo Rotoclone							1									
EQT 30	010A-74 - Auxiliary Silo Rotoclone							1									
EQT 31	011-74 - Aeration Bin Rotoclone							1									
EQT 32	012-74 - Starch Delivery Exhaust							1									
EQT 33	013-74 - #1 Micro Mill Exhaust							1									
EQT 34	014-74 - #2 Micro Mill Exhaust							1									
EQT 35	015-74 - #3 Micro Mill Exhaust							1									
EQT 36	016-74 - #4 ACM Mill Exhaust							1									
EQT 37	017-74 - #5 ACM Mill Exhaust							1									
EQT 38	021-74 - #1 Granulator Rotoclone							1									
EQT 39	022-74 - #2 Granulator Rotoclone							1									
EQT 40	023-74 - #3 Granulator Rotoclone							1									
EQT 41	024-74 - #4 Granulator Rotoclone							1									
EQT 42	025-75 - #5 Granulator Rotoclone							1									

Chalmette Cane Sugar Refinery
Agency Interest No.: 1329
American Sugar Refining, Inc.
Arabi, St. Bernard Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter															
		2	5▲	9	11	13	15	2103	2104*	2107	2111	2115	2116*	2121	22	51*	56
EQT 43	026-74 - Brilliant Granulator Rotoclone																
EQT 44	027-74 - DE-1B Elevator Rotoclone																
EQT 45	028-74 - Char Dust Collector #1																
EQT 46	029-74 - Char Dust Collector #2																
EQT 47	030-81 - 3rd Floor P.C. Rotoclone																
EQT 48	031-81 - East AC Room Rotoclone																
EQT 49	032-81 - West AC Room Rotoclone																
EQT 50	033-81 - A Set Cyclone Separator																
EQT 51	034-81 - Bag Search Filter Exhaust																
EQT 52	035-81 - Diesel Storage Tank																
EQT 53	037-81 - Liquid Sugar Carbon Scrubber																
EQT 54	038-87 - #6 ACM Mill Exhaust - 6x																
EQT 55	040-87 - Malto Dextrin Delivery Exhaust																
EQT 56	041-89 - Wet Scrubber for Dryer No. 1 (DWS-1)																
EQT 57	042-89 - Wet Scrubber for Dryer No. 2 (DWS-2)																

**Chalmette Cane Sugar Refinery
Agency Interest No.: 1329
American Sugar Refining, Inc.
Arabi, St. Bernard Parish, Louisiana**

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter															
		2	5▲	9	11	13	15	2103	2104*	2107	2111	2115	2116*	2121	22	51*	56
EQT 58	043-89 - Wet Scrubber for Cooler (CWS-3)																
EQT 59	044-89 - Wet Scrubber for Nuisance Dust Collector (WS-4)																
EQT 60	045-89 - Beater Rotoclone (BR-1)																
EQT 61	046-89 - S/E PC Rotoclone																
EQT 62	057-95 - Hydrochloric Acid Tank (Water Plant)																
EQT 73	058-95 - Hydrochloric Acid Tank (Liquid Sugar)																
EQT 74	059-95 - Phosphoric Acid Tank																
EQT 75	060-95 - Aqua Ammonia Tank																
EQT 76	003-74-1- High Pressure Boiler 2																
EQT 77	003-74-2 - High Pressure Boiler 3																
EQT 78	003-74-3 - High Pressure Boiler 4																
EQT 79	003-74-4 - High Pressure Boiler 5																
EQT 80	003-74-5 - High Pressure Boiler 6																
EQT 81	003-74-A - Tank 304 A																
EQT 82	003-74-B - Tank 304 B																
EQT 83	003-74-C - Tank 305																

Chalmette Cane Sugar Refinery
 Agency Interest No.: 1329
 American Sugar Refining, Inc.
 Arabi, St. Bernard Parish, Louisiana

X. **Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	LAC 33:III.Chapter															
		2	5▲	9	11	13	15	2103	2104*	2107	2111	2115	2116*	2121	22	51*	56
EQT 84	039-87 - #6 ACM Mill Exhaust – s&m					1											
FUG 1	061-95 - Fugitive Emissions (Bone Char Conveyor and Elevator)					1											
GRP 3	GRP3 - Boiler Cap					1	1										
RLP 5	005-74 - Char Kiln North (Common Stack)					1											
RLP 6	006-74 - Char Kiln South (Common Stack)					1											
RLP 7	003-74 - High Pressure Boilers					1											

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
 - The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

Chalmette Cane Sugar Refinery
 Agency Interest No.: 1329
 American Sugar Refining, Inc.
 Arabi, St. Bernard Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR	
		A	K	Ka	Kb	D	Db	Dc	KKK	III	A	J	V	HH	SS	VV	HHH	68	82		
UNF1	Entire Facility																			2	2
EQT 1	001-74 - #7 Boiler																				
EQT 2	002-74 - #1 Boiler																				
EQT 7	005-74A - Char Kiln North (Kiln 6)																				
EQT 8	005-74B - Char Kiln North (Kiln 7)																				
EQT 9	005-74C - Char Kiln North (Kiln 8)																				
EQT 10	005-74D - Char Kiln North (Kiln 13)																				
EQT 11	005-74E - Char Kiln North (Kiln 14)																				
EQT 12	005-74F - Char Kiln North (Kiln 15)																				
EQT 13	006-74A - Char Kiln South (Kiln 16)																				
EQT 14	006-74B - Char Kiln South (Kiln 17)																				
EQT 15	006-74C - Char Kiln South (Kiln 18)																				
EQT 16	006-74D - Char Kiln South (Kiln 22)																				
EQT 17	006-74E - Char Kiln South (Kiln 23)																				
EQT 18	006-74F - Char Kiln South (Kiln 24)																				
EQT 19	006-74G - Char Kiln South (Kiln 33)																				

Chalmette Cane Sugar Refinery
Agency Interest No.: 1329
American Sugar Refining, Inc.
Arabi, St. Bernard Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR		
		A	K	Ka	Kb	D	Db	Dc	KKK	III	A	J	V	A	HH	SS	VV	HHH	68	82		
EQT 20	006-74H - Char Kiln South (Kiln 34)																					
EQT 21	006-74I - Char Kiln South (Kiln 35)																					
EQT 22	006-74J - Char Kiln South (Kiln 36)																					
EQT 23	006-74K - Char Kiln South (Kiln 37)																					
EQT 24	006-74L - Char Kiln South (Kiln 38)																					
EQT 25	007-74 - Fuel Oil Storage Tank North										3											
EQT 26	008-74 - Fuel Oil Storage Tank South										3											
EQT 29	010-74 - Silo Rotoclone																					
EQT 30	010A-74 - Auxiliary Silo Rotoclone																					
EQT 31	011-74 - Aeration Bin Rotoclone																					
EQT 32	012-74 - Starch Delivery Exhaust																					
EQT 33	013-74 - #1 Micro Mill Exhaust																					
EQT 34	014-74 - #2 Micro Mill Exhaust																					
EQT 35	015-74 - #3 Micro Mill Exhaust																					
EQT 36	016-74 - #4 ACM Mill Exhaust																					

Chalmette Cane Sugar Refinery
Agency Interest No.: 1329
American Sugar Refining, Inc.
Arabi, St. Bernard Parish, Louisiana

Table 1. Applicable Louisiana and Federal Air Quality Requirements

Chalmette Cane Sugar Refinery
 Agency Interest No.: 1329
American Sugar Refining, Inc.
 Arabi, St. Bernard Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHPAP						40 CFR		
		A	K	Ka	Kb	D	Db	Dc	KKK	III	A	J	V	A	HH	SS	VV	HHH	68	82		
EQT 53	037-81 - Liquid Sugar Carbon Scrubber																					
EQT 54	038-87 - #6 ACM Mill Exhaust - 6x																					
EQT 55	040-87 - Malto Dextrin Delivery Exhaust																					
EQT 56	041-89 - Wet Scrubber for Dryer No. 1(DWS-1)																					
EQT 57	042-89 - Wet Scrubber for Dryer No. 2(DWS-2)																					
EQT 58	043-89 - Wet Scrubber for Cooler (CWS-3)																					
EQT 59	044-89 - Wet Scrubber for Nuisance Dust Collector (WS-4)																					
EQT 60	045-89 - Beater Rotoclone (BR-1)																					
EQT 61	046-89 - S/E PC Rotocclone																					
EQT 72	057-95 - Hydrochloric Acid Tank (Water Plant)																					
EQT 73	058-95 - Hydrochloric Acid Tank (Liquid Sugar)																					
EQT 74	059-95 - Phosphoric Acid Tank																	3				
EQT 75	060-95 - Aqua Ammonia Tank																	3				

**Chalmette Cane Sugar Refinery
Agency Interest No.: 1329
American Sugar Refining, Inc.
Arabi, St. Bernard Parish, Louisiana**

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR	
		A	K	Ka	Kb	D	Db	Dc	KKK	III	A	J	V	A	HH	SS	VV	HHH	68	82	
EQT 76	003-74-1- High Pressure Boiler 2										3										
EQT 77	003-74-2 - High Pressure Boiler 3										3										
EQT 78	003-74-3 - High Pressure Boiler 4										3										
EQT 79	003-74-4 - High Pressure Boiler 5										3										
EQT 80	003-74-5 - High Pressure Boiler 6										3										
EQT 81	003-74-A - Tank 304 A										3										
EQT 82	003-74-B - Tank 304 B										3										
EQT 83	003-74-C - Tank 305										3										
EQT 84	039-87 - #6 ACM Mill Exhaust – s&m																				
FUG 1	061-95 - Fugitive Emissions (Bone Char Conveyor and Elevator)																				
GRP 3	GRP3 – Boiler Cap																				
RLP 5	005-74 - Char Kiln North (Common Stack)																				
RLP 6	006-74 - Char Kiln South (Common Stack)																				
RLP 7	003-74 - High Pressure Boilers																				

Chalmette Cane Sugar Refinery
Agency Interest No.: 1329
American Sugar Refining, Inc.
Arabi, St. Bernard Parish, Louisiana

KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

**Chalmette Cane Sugar Refinery
 Agency Interest No.: 1329
 American Sugar Refining, Inc.
 Arabi, St. Bernard Parish, Louisiana**

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
Entire Facility	Comprehensive Toxic Air Pollutant Emissions Control Program. [LAC 33:III. Chapter 51]	EXEMPT. The facility is not a major source for Toxic Air Pollutants as defined in LAC 33:III.5103.
	Chemical Accident Prevention Provisions [40 CFR 68] Chemical Accident Prevention and Minimization of Consequences [LAC 33:III. Chapter 59]	EXEMPT. This facility emits below the threshold quantities used to trigger this subpart.
	Protection of Stratospheric Ozone [40 CFR 82]	EXEMPT. There are no applicable CFC chillers/ coolers onsite.
EQT 1-2 EQT 7-24	Emission Standards for Sulfur Dioxide Continuous Emissions Monitoring [LAC 33:III.1511.A]	DOES NOT APPLY. Units emit less than five (5) tons per year of sulfur dioxide into the atmosphere.
EQT 76-80 All Natural Gas Burning Equipment	Emissions Standards for Sulfur Dioxide Recordkeeping and Reporting [LAC 33:III.1513]	
EQT 1 #7 Boiler	NSPS Subpart Db - Standards of Performance for Industrial-Commercial- Institutional Steam Generating Units [40 CFR 60, Subpart Db]	DOES NOT APPLY. No construction, modification, or reconstruction after August 19, 1984.

**Chalmette Cane Sugar Refinery
Agency Interest No.: 1329
American Sugar Refining, Inc.
Arabi, St. Bernard Parish, Louisiana**

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 2 #1 Boiler	NSPS Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60, Subpart Dc]	DOES NOT APPLY. No construction, modification, or reconstruction after June 9, 1989.
EQT76-EQT80		
High Pressure Boilers		
EQT 25-26 Fuel Oil Storage Tanks	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Unit has not been reconstructed or modified since June 11, 1973; liquid stored is not a "petroleum liquid" as defined in 40 CFR 60.111
EQT 81-83 Carbonation Tanks	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Carbonation tanks do not contain petroleum products.
EQT52 Diesel Storage Tank	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.

**Chalmette Cane Sugar Refinery
 Agency Interest No.: 1329
 American Sugar Refining, Inc.
 Arabi, St. Bernard Parish, Louisiana**

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 74 Phosphoric Acid Tank	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984, and do not store volatile organic liquids.
EQT 75 Aqua Ammonia Tank		EXEMPT. The rotoclones have a pressure switch interlock to allow the operation of the unit. When sufficient pressure indicates that the minimum flow is present, the interlock allows the sugar dust flow to be processed. Currently there is no visible or electronic signal to monitor or record. If the system is ever modified, the equipment will need to comply with the requirements of this policy.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table I) of this permit.

General Information

AI ID: 1329 American Sugar Refining Inc
Activity Number: PER20090001
Permit Number: 2500-00009-V1
Air - Title V Regular Permit Minor Mod

Also Known As:	Name	User Group	Start Date
2500-00009	American Sugar Refining Inc	CDS Number	08-05-2002
13-366163	Federal Tax ID	Federal Tax ID	11-21-1999
LA0008162364	American Sugar Refining Inc	Hazardous Waste Notification	03-19-1991
LA0005665	LPDES #	LPDES Permit #	05-22-2003
WP4000	LWDPS #	LWDPS Permit #	06-25-2003
LA-3663-L01	Priority 2 Emergency Site	Priority 2 Emergency Site	07-19-2006
GD-087-1018	Radioactive Material License	Radiation License Number	11-14-2000
76282	SW Generator ID #	Solid Waste Facility No.	04-30-2001
70032MSTRS7417N	Amstar Sugar Corp	TEMPO Merge	03-25-2003
14759	TRI #	Toxic Release Inventory	07-08-2004
	Waste Tires	Waste Tire Facility ID Number	03-11-2009
	Domino Sugar	Water Permitting	05-27-1993
Physical Location:		Main FAX:	5042785150
Mailing Address:	7417 N Peters St Arabi, LA 70032	Main Phone:	5042715331
Location of Front Gate:	29.945644 latitude, -90.002761 longitude, Coordinate Method: Lat/Long - DMS, Coordinate Datum: NAD83	Phone (Type)	Relationship
Related People:	Name	Mailing Address	
	Fred Goodrow	7417 N Peters Rd Arabi, LA 70032	Water Permit Contact For
	Fred Goodrow	7417 N Peters Rd Arabi, LA 70032	Water Permit Contact For
	Fred Goodrow	7417 N Peters Rd Arabi, LA 70032	Accident Prevention Billing Party for
	Fred Goodrow	7417 N Peters Rd Arabi, LA 70032	Accident Prevention Billing Party for
	Fred Goodrow	7417 N Peters Rd Arabi, LA 70032	Accident Prevention Billing Party for
	Fred Goodrow	7417 N Peters Rd Arabi, LA 70032	Radiation License Billing Party for
	Fred Goodrow	7417 N Peters Rd Arabi, LA 70032	Emission Inventory Contact for
	Fred Goodrow	7417 N Peters Rd Arabi, LA 70032	Emission Inventory Contact for
	Fred Goodrow	7417 N Peters Rd Arabi, LA 70032	Waste Tires Contact for
	Fred Goodrow	7417 N Peters Rd Arabi, LA 70032	Waste Tires Contact for
	Fred Goodrow	7417 N Peters Rd Arabi, LA 70032	Asbestos Contact for
	Fred Goodrow	7417 N Peters Rd Arabi, LA 70032	Asbestos Contact for
	Fred Goodrow	7417 N Peters Rd Arabi, LA 70032	Radiation License Billing Party for
	Peter Marais		Responsible Official for
	John Talbot		Radiation Safety Officer for
	John Talbot		Radiation Safety Officer for

General Information

AJ ID: 1329 American Sugar Refining Inc
Activity Number: PER20090001
Permit Number: 2500-00009-V1
Air - Title V Regular Permit Minor Mod

Related People:	Name	Mailing Address	Phone (Type)	Relationship
	John Talbot	7417 N Peters St Arabi, LA 70032	jmtalbot@lasrc.com	Radiation Safety Officer for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	American Sugar Refining Inc	1 Federal St Yonkers, NY 10702		Owns
	American Sugar Refining Inc	1 Federal St Yonkers, NY 10702		Operates
	American Sugar Refining Inc	1 Federal St Yonkers, NY 10702		Emission Inventory Billing Party
	American Sugar Refining Inc	1 Federal St Yonkers, NY 10702		Water Billing Party for
	American Sugar Refining Inc	1 Federal St Yonkers, NY 10702		Air Billing Party for
	Domino Sugar Corp	1114 Avenue of the Americas New York, NY 100387783		Formerly owned
NAIC Codes:	311312, Cane Sugar Refining			

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit.
Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tammy Millam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdata@la.gov.

INVENTORIES

AJ ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-V1
 Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT 0001	001-74 - #7 Boiler		151.3 MM BTU/hr	151.3 MM BTU/hr		8760 hr/yr
EQT 0002	002-74 - #1 Boiler		78 MM BTU/hr	78.2 MM BTU/hr		8760 hr/yr
EQT 0007	005-74-A - Char Kiln North (Klin 6)			1.7 MM BTU/hr		8760 hr/yr
EQT 0008	005-74-B - Char Kiln North (Klin 7)			1.7 MM BTU/hr		8760 hr/yr
EQT 0009	005-74-C - Char Kiln North (Klin 8)			1.7 MM BTU/hr		8760 hr/yr
EQT 0010	005-74-D - Char Kiln North (Klin 13)			1.7 MM BTU/hr		8760 hr/yr
EQT 0011	005-74-E - Char Kiln North (Klin 14)			1.7 MM BTU/hr		8760 hr/yr
EQT 0012	005-74-F - Char Kiln North (Klin 15)			1.7 MM BTU/hr		8760 hr/yr
EQT 0013	006-74A - Char Kiln South (Klin 16)			1.7 MM BTU/hr		8760 hr/yr
EQT 0014	006-74B - Char Kiln South (Klin 17)			1.7 MM BTU/hr		8760 hr/yr
EQT 0015	006-74C - Char Kiln South (Klin 18)			1.7 MM BTU/hr		8760 hr/yr
EQT 0016	006-74D - Char Kiln South (Klin 22)			1.7 MM BTU/hr		8760 hr/yr
EQT 0017	006-74E - Char Kiln South (Klin 23)			1.7 MM BTU/hr		8760 hr/yr
EQT 0018	006-74F - Char Kiln South (Klin 24)			1.7 MM BTU/hr		8760 hr/yr
EQT 0019	006-74G - Char Kiln South (Klin 33)			1.7 MM BTU/hr		8760 hr/yr
EQT 0020	006-74H - Char Kiln South (Klin 34)			1.7 MM BTU/hr		8760 hr/yr
EQT 0021	006-74I - Char Kiln South (Klin 35)			1.7 MM BTU/hr		8760 hr/yr
EQT 0022	006-74J - Char Kiln South (Klin 36)			1.7 MM BTU/hr		8760 hr/yr
EQT 0023	006-74K - Char Kiln South (Klin 37)			1.7 MM BTU/hr		8760 hr/yr
EQT 0024	006-74L - Char Kiln South (Klin 38)			1.7 MM BTU/hr		8760 hr/yr
EQT 0025	007-74 - Fuel Oil Storage Tank North	15000 bbl				8760 hr/yr
EQT 0026	008-74 - Fuel Oil Storage Tank South	15000 bbl				8760 hr/yr
EQT 0029	010-74 - Silo Rotoclone			320 tons/hr		8760 hr/yr
EQT 0030	010A-74 - Auxiliary Silo Rotoclone			600 tons/hr		8760 hr/yr
EQT 0031	011-74 - Aeration Bin Rotoclone			400 tons/hr		8760 hr/yr
EQT 0032	012-74 - Starch Delivery Exhaust			400 tons/hr		8760 hr/yr
EQT 0033	013-74 - #1 Micro Mill Exhaust			2.5 tons/hr		8760 hr/yr
EQT 0034	014-74 - #2 Micro Mill Exhaust			2.5 tons/hr		8760 hr/yr
EQT 0035	015-74 - #3 Micro Mill Exhaust			2.5 tons/hr		8760 hr/yr
EQT 0036	016-74 - #4 ACM Mill Exhaust			1.25 tons/hr		8760 hr/yr
EQT 0037	017-74 - #5 ACM Mill Exhaust			1.25 tons/hr		8760 hr/yr
EQT 0038	021-74 - #4 Granulator Rotoclone			25 tons/hr		8760 hr/yr
EQT 0039	022-74 - #2 Granulator Rotoclone			25 tons/hr		8760 hr/yr
EQT 0040	023-74 - #3 Granulator Rotoclone			25 tons/hr		8760 hr/yr
EQT 0041	024-74 - #4 Granulator Rotoclone			25 tons/hr		8760 hr/yr
EQT 0042	025-74 - #5 Granulator Rotoclone			25 tons/hr		8760 hr/yr
EQT 0043	026-74 - Brilliant Granulator Rotoclone			25 tons/hr		8760 hr/yr
EQT 0044	027-74 - DE-1B Elevator Rotoclone			150 tons/hr		8760 hr/yr
EQT 0045	028-74 - Char Dust Collector #1			3.99 tons/hr		8760 hr/yr

INVENTORIES

AID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-Y1
 Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT 0046	029-74 - Char Dust Collector #2			14.4 tons/hr		8760 hr/yr
EQT 0047	030-81 - 3rd Floor P.C. Rotocline			712 tons/hr		8760 hr/yr
EQT 0048	031-81 - East AC Room Rotocline			90 tons/hr		8760 hr/yr
EQT 0049	032-81 - West AC Room Rotocline			235 tons/hr		8760 hr/yr
EQT 0050	033-81 - A Set Cyclone Separator			4.86 tons/hr		8760 hr/yr
EQT 0051	034-81 - Bag Starch Filter Exhaust			459 lb/hr		8760 hr/yr
EQT 0052	035-81 - Diesel Storage Tank	10000 gallons				8760 hr/yr
EQT 0053	037-81 - Liquid Sugar/Carbon Scrubber			.02 tons/hr		8760 hr/yr
EQT 0054	038-87 - #6 ACM Mill Exhaust - 6x			3.5 tons/hr		8760 hr/yr
EQT 0055	040-87 - Malto Dextrin Delivery Exhaust			495 lb/hr		8760 hr/yr
EQT 0056	041-89 - Wet Scrubber for Dyer No. 1 (DWS-1)			108 gallons/min		8760 hr/yr
EQT 0057	042-89 - Wet Scrubber for Dyer No. 2 (DWS-2)			108 gallons/min		8760 hr/yr
EQT 0058	043-89 - Wet Scrubber for Cooler (CWS-3)			98 gallons/min		8760 hr/yr
EQT 0059	044-89 - Wet Scrubber for Nuisance Dust Collector (WS-4)			68 gallons/min		8760 hr/yr
EQT 0060	045-89 - Beater Rotocline (BR-1)			1.5 gallons/min		8760 hr/yr
EQT 0061	046-89 - S/E PC Rotocline			270 tons/hr		8760 hr/yr
EQT 0072	057-95 - Hydrochloric Acid Tank (Water Plant)	4000 gallons				8760 hr/yr
EQT 0073	058-95 - Hydrochloric Acid Tank (Liquid Sugar)	4000 gallons				8760 hr/yr
EQT 0074	059-95 - Phosphoric Acid Tank	1000 gallons				8760 hr/yr
EQT 0075	060-95 - Aqua Ammonia Tank	1000 gallons				8760 hr/yr
EQT 0076	063-74-1 - High Pressure Boiler 2	56.9 MM BTU/hr				8760 hr/yr
EQT 0077	063-74-2 - High Pressure Boiler 3	56.9 MM BTU/hr				8760 hr/yr
EQT 0078	063-74-3 - High Pressure Boiler 4	56.9 MM BTU/hr				8760 hr/yr
EQT 0079	063-74-4 - High Pressure Boiler 5	56.9 MM BTU/hr				8760 hr/yr
EQT 0080	063-74-5 - High Pressure Boiler 6	56.9 MM BTU/hr				8760 hr/yr
EQT 0081	063-74-A - Tank 304 A		4000 ft ³ /min			8760 hr/yr
EQT 0082	063-74-B - Tank 304 B		4000 ft ³ /min			8760 hr/yr
EQT 0083	063-74-C - Tank 305		3000 ft ³ /min			8760 hr/yr
EQT 0084	039-87 - #6 ACM Mill Exhaust - s&m		3.5 tons/hr			8760 hr/yr
EQT 0085	001-09 - 1st Floor Production Center Dust Collector	7125 ft ³ /min	4500 ft ³ /min			8760 hr/yr
FUG 0001	061-95 - Fugitive Emissions (Bone Char Conveyor and Elevator)					8760 hr/yr
RLP 0005	005-74 - Char Klin North (Common Stack)					6000 hr/yr
RLP 0006	006-74 - Char Klin South (Common Stack)					6000 hr/yr
RLP 0007	003-74 - High Pressure Boilers					6000 hr/yr
Stack Information:						
ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)
						Temperature (°F)

INVENTORIES

All ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-V1
 Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Entire Facility							
EQT 0001 001-74 - #7 Boiler		35.2	60602	5		108	264
EQT 0002 002-74 - #1 Boiler		33.87	24483	4		110.2	381
EQT 0007 005-74-A - Char Kiln North (Klin 6)	5.93	18829	8.5			205.4	159
EQT 0008 005-74-B - Char Kiln North (Klin 7)	5.93	18829	8.5			205.4	159
EQT 0009 005-74-C - Char Kiln North (Klin 8)	5.93	18829	8.5			205.4	159
EQT 0010 005-74-D - Char Kiln North (Klin 13)	5.93	18829	8.5			205.4	159
EQT 0011 005-74-E - Char Kiln North (Klin 14)	5.93	18829	8.5			205.4	159
EQT 0012 005-74-F - Char Kiln North (Klin 15)	5.93	18829	8.5			205.4	159
EQT 0013 006-74A - Char Kiln South (Klin 16)	14.22	44703	8.5			205.4	176
EQT 0014 006-74B - Char Kiln South (Klin 17)	14.22	44703	8.5			205.4	176
EQT 0015 006-74C - Char Kiln South (Klin 18)	14.22	44703	8.5			205.4	176
EQT 0016 006-74D - Char Kiln South (Klin 22)	14.22	44703	8.5			205.4	176
EQT 0017 006-74E - Char Kiln South (Klin 23)	14.22	44703	8.5			205.4	176
EQT 0018 006-74F - Char Kiln South (Klin 24)	14.22	44703	8.5			205.4	176
EQT 0019 006-74G - Char Kiln South (Klin 33)	5.93	18829	8.5			205.4	159
EQT 0020 006-74H - Char Kiln South (Klin 34)	5.93	18829	8.5			205.4	159
EQT 0021 006-74I - Char Kiln South (Klin 35)	5.93	18829	8.5			205.4	159
EQT 0022 006-74J - Char Kiln South (Klin 36)	5.93	18829	8.5			205.4	159
EQT 0023 006-74K - Char Kiln South (Klin 37)	5.93	18829	8.5			205.4	159
EQT 0024 006-74L - Char Kiln South (Klin 38)	5.93	18829	8.5			205.4	159
EQT 0025 007-74 - Fuel Oil Storage Tank North			.05			35.84	
EQT 0026 008-74 - Fuel Oil Storage Tank South			.05			35.84	
EQT 0029 010-74 - Silo Rotocline		10200				113	101
EQT 0030 010A-74 - Auxiliary Silo Rotocline	68	5700	1.33			154.8	105
EQT 0031 011-74 - Aeration Bin Rotocline	80	6440	1.7			112.7	97
EQT 0032 012-74 - Starch Delivery Exhaust	65	377	.35			76.8	118
EQT 0033 013-74 - #1 Micro Mill Exhaust	40	1464	.97			69.7	120
EQT 0034 014-74 - #2 Micro Mill Exhaust	40	1484	.97			69.7	120
EQT 0035 015-74 - #3 Micro Mill Exhaust	40	1484	.97			69.7	120
EQT 0036 016-74 - #4 ACM Mill Exhaust	40	1434	.68			61.7	120
EQT 0037 017-74 - #5 ACM Mill Exhaust	40	1434	.68			61.7	120
EQT 0038 021-74 - #1 Granulator Rotocline	81.5	22175	2.3			25.6	108

INVENTORIES

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-V1
 Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Entire Facility							
EQT 0039 022-74 - #2 Granulator Rotoclane	81.5	22175	2.3			25.8	108
EQT 0040 023-74 - #3 Granulator Rotoclane	81.5	22175	2.3			25.6	108
EQT 0041 024-74 - #4 Granulator Rotoclane	81.5	22174	2.3			25.7	108
EQT 0042 025-74 - #5 Granulator Rotoclane	81.5	22175	2.3			25.3	108
EQT 0043 026-74 - Brilliant Granulator Rotoclane	97	8728	.16			25.1	93
EQT 0044 027-74 - DE-1B Elevator Rotoclane	42	1385	.83			139	93
EQT 0045 028-74 - Char Dust Collector #1	10.37	1914	2.9			189	75
EQT 0046 029-74 - Char Dust Collector #2	10.37	1914	2			189	75
EQT 0047 030-81 - 3rd Floor P.C. Rotoclane	82	11800	2.3			55.8	93
EQT 0048 031-81 - East1 AC Room Rotoclane	54	7400	1.7			49.2	93
EQT 0049 032-81 - West AC Room Rotoclane	35	4300	1.3			38	93
EQT 0050 033-81 - A Set Cyclone Separator	13	615	.5			146	90
EQT 0051 034-81 - Bag Starch Filter Exhaust	14	900	1.1			66	90
EQT 0052 035-81 - Diesel Storage Tank			.25			1	
EQT 0053 037-81 - Liquid Sugar Carbon Scrubber	25	1200	1			49	100
EQT 0054 038-87 - #8 ACM Mill Exhaust - 6x	123	4000	.83			85	125
EQT 0055 040-B7 - Malto Dextrin Delivery Exhaust	48.4	570	.5			85	118
EQT 0056 041-B9 - Wet Scrubber for Dryer No. 1 (DWS-1)	52.38	13400	2.33			51.33	180
EQT 0057 042-B9 - Wet Scrubber for Dryer No. 2 (DWS-2)	46.89	11845	2.33			51.33	180
EQT 0058 043-B9 - Wet Scrubber for Cooler (CWS-3)	50.81	13000	2.33			51.33	150
EQT 0059 044-B9 - Wet Scrubber for Nuisance Dust Collector (WDS-4)	45.09	8500	2			52.08	95
EQT 0060 045-B9 - Beater Rotoclane (BR-1)	47.16	5000	1.5			66.33	110
EQT 0061 046-B9 - SIE PC Rotoclane	56.3	7400	1.67			56	93
EQT 0072 057-95 - Hydrochloric Acid Tank (Water Plant)			2.5				
EQT 0073 058-95 - Hydrochloric Acid Tank (Liquid Sugar)			2.5			1	
EQT 0074 059-95 - Phosphoric Acid Tank			.25			16	
EQT 0075 060-95 - Aqua Ammonia Tank			.25			16	
EQT 0076 003-74-1 - High Pressure Boiler 2	4.42	29866	11.97			225.4	300
EQT 0077 003-74-2 - High Pressure Boiler 3	4.42	29866	11.97			225.4	300
EQT 0078 003-74-3 - High Pressure Boiler 4	4.42	29866	11.97			225.4	300
EQT 0079 003-74-4 - High Pressure Boiler 5	4.42	29866	11.97			225.4	300
EQT 0080 003-74-5 - High Pressure Boiler 6	4.42	29866	11.97			225.4	300

INVENTORIES

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-V1
 Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Entire Facility							
EQT 0081	003-74-A - Tank 304 A	21.2	4000	2		57.6	180
EQT 0082	003-74-B - Tank 304 B	21.2	4000	2		57.6	180
EQT 0083	003-74-C - Tank 305	21.2	4000	2		57.6	180
EQT 0084	039-87 - #6 ACM Mill Exhaust - srm	123	4000	.83		85	125
EQT 0085	001-09 - 1st Floor Production Center Dust Collector	54.5	7125	1.67	2.18	20	100
RLP 0005	005-74 - Char Kiln North (Common Stack)	5.93	18629	8.5		205.4	159
RLP 0006	006-74 - Char Kiln South (Common Stack)	14.22	44703	8.5		2052.4	176
RLP 0007	003-74 - High Pressure Boilers	4.42	29666	11.97		225.4	300

Relationships:

ID	Description	Relationship	ID	Description
EQT 0007	005-74-A - Char Kiln North (Klin 6)	Vents to	RLP 0005	005-74 - Char Kiln North (Common Stack)
EQT 0008	005-74-B - Char Kiln North (Klin 7)	Vents to	RLP 0005	005-74 - Char Kiln North (Common Stack)
EQT 0009	005-74-C - Char Kiln North (Klin 8)	Vents to	RLP 0005	005-74 - Char Kiln North (Common Stack)
EQT 0010	005-74-D - Char Kiln North (Klin 13)	Vents to	RLP 0005	005-74 - Char Kiln North (Common Stack)
EQT 0011	005-74-E - Char Kiln North (Klin 14)	Vents to	RLP 0005	005-74 - Char Kiln North (Common Stack)
EQT 0012	005-74-F - Char Kiln North (Klin 15)	Vents to	RLP 0005	005-74 - Char Kiln North (Common Stack)
EQT 0013	006-74A - Char Kiln South (Klin 16)	Vents to	RLP 0008	006-74 - Char Kiln South (Common Stack)
EQT 0014	006-74B - Char Kiln South (Klin 17)	Vents to	RLP 0008	006-74 - Char Kiln South (Common Stack)
EQT 0015	006-74C - Char Kiln South (Klin 18)	Vents to	RLP 0008	006-74 - Char Kiln South (Common Stack)
EQT 0016	006-74D - Char Kiln South (Klin 22)	Vents to	RLP 0008	006-74 - Char Kiln South (Common Stack)
EQT 0017	006-74E - Char Kiln South (Klin 23)	Vents to	RLP 0008	006-74 - Char Kiln South (Common Stack)
EQT 0018	006-74F - Char Kiln South (Klin 24)	Vents to	RLP 0006	006-74 - Char Kiln South (Common Stack)
EQT 0019	006-74G - Char Kiln South (Klin 33)	Vents to	RLP 0006	006-74 - Char Kiln South (Common Stack)
EQT 0020	006-74H - Char Kiln South (Klin 34)	Vents to	RLP 0006	006-74 - Char Kiln South (Common Stack)
EQT 0021	006-74I - Char Kiln South (Klin 35)	Vents to	RLP 0006	006-74 - Char Kiln South (Common Stack)
EQT 0022	006-74J - Char Kiln South (Klin 36)	Vents to	RLP 0006	006-74 - Char Kiln South (Common Stack)
EQT 0023	006-74K - Char Kiln South (Klin 37)	Vents to	RLP 0006	006-74 - Char Kiln South (Common Stack)
EQT 0024	006-74L - Char Kiln South (Klin 38)	Vents to	RLP 0006	006-74 - Char Kiln South (Common Stack)
EQT 0076	003-74-1 - High Pressure Boiler 2	Vents to	RLP 0007	003-74 - High Pressure Boilers
EQT 0077	003-74-2 - High Pressure Boiler 3	Vents to	RLP 0007	003-74 - High Pressure Boilers
EQT 0078	003-74-3 - High Pressure Boiler 4	Vents to	RLP 0007	003-74 - High Pressure Boilers
EQT 0079	003-74-4 - High Pressure Boiler 5	Vents to	RLP 0007	003-74 - High Pressure Boilers
EQT 0080	003-74-5 - High Pressure Boiler 6	Vents to	RLP 0007	003-74 - High Pressure Boilers

INVENTORIES

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-V1
 Air - Title V Regular Permit Minor Mod

Relationships:

ID	Description	Relationship	ID	Description
RLP 0007	003-74 - High Pressure Boilers	Supplier	EQT 0081	D03-74-A - Tank 304 A
RLP 0007	003-74 - High Pressure Boilers	Supplier	EQT 0082	D03-74-B - Tank 304 B
RLP 0007	003-74 - High Pressure Boilers	Supplier	EQT 0083	D03-74-C - Tank 305

Subject Item Groups:

ID	Group Type	Group Description
GRP 0003	Equipment Group	GRP3 - Boiler CAP
UNF 0001	Unit or Facility Wide	UNF1 - Entire Facility

Group Membership:

ID	Description	Member of Groups
EQT 0001	001-74 - #7 Boiler	GRP0000000003
EQT 0002	002-74 - #1 Boiler	GRP0000000003
EQT 0076	003-74-1 - High Pressure Boiler 2	GRP0000000003
EQT 0077	003-74-2 - High Pressure Boiler 3	GRP0000000003
EQT 0078	003-74-3 - High Pressure Boiler 4	GRP0000000003
EQT 0079	003-74-4 - High Pressure Boiler 5	GRP0000000003
EQT 0080	003-74-5 - High Pressure Boiler 6	GRP0000000003

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0130	0130 Cane Sugar Refining (Rated Capacity)	205	M lb/hr

SIC Codes:

2062	Cane sugar refining	AI 1329
2062	Cane sugar refining	UNF 001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1329 - American Sugar Refining Inc

Activity Number: PER20090001

Permit Number: 2500-00009-V1

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0072 057-95	Hydrochloric acid	0.001	0.001	0.006
EQT 0073 058-95	Hydrochloric acid	<0.001	<0.001	<0.001
EQT 0075 060-95	Ammonia	0.01	0.01	0.04
UNF 0001 UNF1	Ammonia			0.04
	Hydrochloric acid			0.006

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-V1
 Air - Title V Regular Permit Minor Mod

EQT 0001 001-74 -#7 Boiler

1 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

2 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

3 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

4 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified

Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within one year after the issuance of a permit renewal, whichever comes later. Re-performance test shall be conducted every five years from the previous test. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services.

Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

EQT 0002 002-74 -#1 Boiler

7 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

8 [LAC 33:III.1305] Which Months: All Year Statistical Basis: None specified

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

9 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

10 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified

Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services.

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00008-V1
 Air - Title V Regular Permit Minor Mod

EQT 0002 002-74 - #1 Boiler

12 [LAC 33:III.507.H.1.a] Conduct a performance/emissions test. Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within one year after the issuance of a permit renewal, whichever comes later. Re-performance test shall be conducted every five years from the previous test. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

EQT 0007 005-74-A - Char Klin North (Klin 6)

13 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0008 005-74-B - Char Klin North (Klin 7)

14 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0009 005-74-C - Char Klin North (Klin 8)

15 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0010 005-74-D - Char Klin North (Klin 13)

16 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0011 005-74-E - Char Klin North (Klin 14)

17 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0012 005-74-F - Char Klin North (Klin 15)

18 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-V1
 Air - Title V Regular Permit Minor Mod

EQT 0013 006-74A - Char Kiln South (Klin 16)

19 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0014 006-74B - Char Kiln South (Klin 17)

20 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0015 006-74C - Char Kiln South (Klin 18)

21 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0016 006-74D - Char Kiln South (Klin 22)

22 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0017 006-74E - Char Kiln South (Klin 23)

23 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0018 006-74F - Char Kiln South (Klin 24)

24 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0019 006-74G - Char Kiln South (Klin 33)

25 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0020 006-74H - Char Kiln South (Klin 34)

26 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0021 006-74I - Char Kiln South (Klin 35)

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-V1
 Air - Title V Regular Permit Minor Mod

EQT 0021 006-74I - Char Klin South (Klin 35)

27 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0022 006-74J - Char Klin South (Klin 36)

28 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0023 006-74K - Char Klin South (Klin 37)

29 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0024 006-74L - Char Klin South (Klin 38)

30 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0029 010-74 - Silo Rotoclene

31 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
 32 [LAC 33:III.1311.B] Total suspended particulate <= 63.7 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified

EQT 0030 010A-74 - Auxiliary Silo Rotoclene

33 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
 34 [LAC 33:III.1311.B] Total suspended particulate <= 71.2 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified

EQT 0031 011-74 - Aeration Bin Rotoclene

35 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
 36 [LAC 33:III.1311.B] Total suspended particulate <= 66.3 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-V1
 Air - Title V Regular Permit Minor Mod

EQT 0032 012-74 - Starch Delivery Exhaust

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

Total suspended particulate \leq 0.62 lb/hr. The rate of emission shall be the total of all emission points from the source.

Which Months: All Year Statistical Basis: None specified

Particulate matter (10 microns or less) \geq 99 % removal efficiency.

Which Months: All Year Statistical Basis: None specified

Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.

Which Months: All Year Statistical Basis: None specified

Filter vents: Visible emissions monitored by visual inspection/determination daily.

Which Months: All Year Statistical Basis: None specified

Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

EQT 0033 013-74 - #1 Micro Mill Exhaust

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

Total suspended particulate \leq 2.43 lb/hr. The rate of emission shall be the total of all emission points from the source.

Which Months: All Year Statistical Basis: None specified

Particulate matter (10 microns or less) \geq 99 % removal efficiency.

Which Months: All Year Statistical Basis: None specified

Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.

Which Months: All Year Statistical Basis: None specified

Filter vents: Visible emissions monitored by visual inspection/determination daily.

Which Months: All Year Statistical Basis: None specified

Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

EQT 0034 014-74 - #2 Micro Mill Exhaust

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-Y1
 Air - Title V Regular Permit Minor Mod

EQT 0034 014-74 - #2 Micro Mill Exhaust

- 52 [LAC 33:III.1311.B] Total suspended particulate $\leq 2.43 \text{ lb/hr}$. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified
 Particulate matter (10 microns or less) $\geq 99\%$ removal efficiency.
 Which Months: All Year Statistical Basis: None specified
- 53 [LAC 33:III.501.C.6] Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 54 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 55 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions monitored by visual inspection/determination daily.
 Which Months: All Year Statistical Basis: None specified
- 56 [LAC 33:III.507.H.1.a] Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
 Which Months: All Year Statistical Basis: None specified

EQT 0035 015-74 - #3 Micro Mill Exhaust

- 58 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
 Total suspended particulate $\leq 2.43 \text{ lb/hr}$. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified
 Particulate matter (10 microns or less) $\geq 99\%$ removal efficiency.
 Which Months: All Year Statistical Basis: None specified
- 59 [LAC 33:III.1311.B] Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 60 [LAC 33:III.501.C.6] Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
 Which Months: All Year Statistical Basis: None specified
- 61 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions monitored by visual inspection/determination daily.
 Which Months: All Year Statistical Basis: None specified
- 62 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions monitored by visual inspection/determination daily.
 Which Months: All Year Statistical Basis: None specified
- 63 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

EQT 0036 016-74 - #4 ACM Mill Exhaust

- 65 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
 Total suspended particulate $\leq 2.43 \text{ lb/hr}$. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-V1
 Air - Title V Regular Permit Minor Mod

EQT 0036 016-74 - #4 ACM Mill Exhaust

- Particulate matter (10 microns or less) >= 99 % removal efficiency.
 Which Months: All Year Statistical Basis: None specified
 Filter vents: Visible emissions monitored by visual inspection/determination daily.
 Which Months: All Year Statistical Basis: None specified
 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
 Which Months: All Year Statistical Basis: None specified
 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

EQT 0037 017-74 - #5 ACM Mill Exhaust

- Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
 Total suspended particulate <= 2.43 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified
 Particulate matter (10 microns or less) >= 99 % removal efficiency.
 Which Months: All Year Statistical Basis: None specified
 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
 Which Months: All Year Statistical Basis: None specified
 Filter vents: Visible emissions monitored by visual inspection/determination daily.
 Which Months: All Year Statistical Basis: None specified
 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

EQT 0038 021-74 - #1 Granulator Rotocline

- Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
 Total suspended particulate <= 35.4 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified

EQT 0039 022-74 - #2 Granulator Rotocline

TPOR0147

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER20090001
Permit Number: 2500-00009-V1
Air - Title V Regular Permit Minor Mod

EQT 0039 022-74 - #2 Granulator Rotocline

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to,
 those specified in LAC 33:III.1305.1-7.
 Total suspended particulate <= 35.4 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified

EQT 0040 023-74 - #3 Granulator Rotocline

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to,
 those specified in LAC 33:III.1305.1-7.
 Total suspended particulate <= 35.4 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified

EQT 0041 024-74 - #4 Granulator Rotocline

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to,
 those specified in LAC 33:III.1305.1-7.
 Total suspended particulate <= 35.4 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified

EQT 0042 025-74 - #5 Granulator Rotocline

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to,
 those specified in LAC 33:III.1305.1-7.
 Total suspended particulate <= 35.4 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified

EQT 0043 026-74 - Brilliant Granulator Rotocline

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to,
 those specified in LAC 33:III.1305.1-7.
 Total suspended particulate <= 35.4 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified

EQT 0044 027-74 - DE-1B Elevator Rotocline

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to,
 those specified in LAC 33:III.1305.1-7.
 Total suspended particulate <= 55.4 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-V1
 Air - Title V Regular Permit Minor Mod

EQT 0045 028-74 - Char Dust Collector #1

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

Total suspended particulate <= 6.52 lb/hr. The rate of emission shall be the total of all emission points from the source.

Which Months: All Year Statistical Basis: None specified

Particulate matter (10 microns or less) >= 90 % removal efficiency.

Which Months: All Year Statistical Basis: None specified

Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.

Which Months: All Year Statistical Basis: None specified

Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Filter vents: Visible emissions monitored by visual inspection/determination daily.

Which Months: All Year Statistical Basis: None specified

Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

EQT 0046 029-74 - Char Dust Collector #2

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

Total suspended particulate <= 6.52 lb/hr. The rate of emission shall be the total of all emission points from the source.

Which Months: All Year Statistical Basis: None specified

Particulate matter (10 microns or less) >= 90 % removal efficiency.

Which Months: All Year Statistical Basis: None specified

Filter vents: Visible emissions monitored by visual inspection/determination daily.

Which Months: All Year Statistical Basis: None specified

Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.

Which Months: All Year Statistical Basis: None specified

Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

EQT 0047 030-81 - 3rd Floor P.C. Rotoclene

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

107 [LAC 33:III.1305]

TPOR0147

Page 9 of 18

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-V1
 Air - Title V Regular Permit Minor Mod

EQT 0047 030-81 - 3rd Floor P.C. Rotoclene

- 108 [LAC 33:III.1311.B] Total suspended particulate ≤ 73.3 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified
- 109 [LAC 33:III.507.H.1.a] Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within one year after the issuance of a permit renewal, whichever comes later. Re-performance test shall be conducted every five years from the previous test. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack tests methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 110 [LAC 33:III.507.H.1.a] Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.
- 111 [LAC 33:III.507.H.1.a] Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

EQT 0048 031-81 - East AC Room Rotoclene

- 112 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
- 113 [LAC 33:III.1311.B] Total suspended particulate ≤ 50.2 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified

EQT 0049 032-81 - West AC Room Rotoclene

- 114 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
- 115 [LAC 33:III.1311.B] Total suspended particulate ≤ 60.3 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified

EQT 0050 033-81 - A Set Cyclone Separator

- 116 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
- 117 [LAC 33:III.1311.B] Total suspended particulate ≤ 1.53 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER2009001
Permit Number: 2500-00009-V1
Air - Title V Regular Permit Minor Mod

EQT 0050 033-81 - A Set Cyclone Separator

- 118 [LAC 33:III.501.C.6] Particulate matter (10 microns or less) $\geq 80\%$ removal efficiency.
 Which Months: All Year Statistical Basis: None specified
 Cyclone vents: Visible emissions monitored by visual inspection/determination daily.
 Which Months: All Year Statistical Basis: None specified
 Cyclone vents: Visible emissions recorded by electronic or hard copy daily.
 Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
 Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.
 Which Months: All Year Statistical Basis: None specified

EQT 0051 034-81 - Bag Starch Filter Exhaust

- Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
- Total suspended particulate $\leq 1.09 \text{ lb/hr}$. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified
 Particulate matter (10 microns or less) $\geq 99.85\%$ removal efficiency.
 Which Months: All Year Statistical Basis: None specified
 Filter vents: Visible emissions monitored by visual inspection/determination daily.
 Which Months: All Year Statistical Basis: None specified
 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
 Which Months: All Year Statistical Basis: None specified

EQT 0054 038-87 - #6 ACM Mill Exhaust - 6x

- Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
- Total suspended particulate $\leq 4.78 \text{ lb/hr}$. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified
 Particulate matter (10 microns or less) $\geq 99\%$ removal efficiency.
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-Y1
 Air - Title V Regular Permit Minor Mod

EQT 0054 038-87 - #6 ACM Mill Exhaust - 6x

- 133 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions monitored by visual inspection/determination daily.
 Which Months: All Year Statistical Basis: None specified
 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
 Which Months: All Year Statistical Basis: None specified
 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 135 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 136 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

EQT 0055 040-87 - Malto Dextrin Delivery Exhaust

- 137 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
 Total suspended particulate \leq 0.81 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified
 Particulate matter (10 microns or less) \geq 99 % removal efficiency.
 Which Months: All Year Statistical Basis: None specified
 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
 Which Months: All Year Statistical Basis: None specified
 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 138 [LAC 33:III.1311.B] Filter vents: Visible emissions monitored by visual inspection/determination daily.
 Which Months: All Year Statistical Basis: None specified
 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 139 [LAC 33:III.501.C.6]
- 140 [LAC 33:III.507.H.1.a]
- 141 [LAC 33:III.507.H.1.a]
- 142 [LAC 33:III.507.H.1.a]
- 143 [LAC 33:III.507.H.1.a]

EQT 0056 041-89 - Wet Scrubber for Dryer No. 1 (DWS-1)

- 144 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
 Total suspended particulate \leq 12 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified
 Flow rate \geq 108 gallons/min.
 Which Months: All Year Statistical Basis: None specified
 Flow rate monitored by flow rate monitoring device once every four hours.
 Which Months: All Year Statistical Basis: None specified
- 145 [LAC 33:III.1311.B]
- 146 [LAC 33:III.501.C.6]
- 147 [LAC 33:III.507.H.1.a]

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-V1
 Air - Title V Regular Permit Minor Mod

EQT 0056 041-89 - Wet Scrubber for Dryer No. 1 (DWS-1)

- 148 [LAC 33:III.507.H.1.a]
 149 [LAC 33:III.507.H.1.a]

Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
 Flow rate recordkeeping by electronic or hard copy once every four hours.

EQT 0057 042-89 - Wet Scrubber for Dryer No. 2 (DWS-2)

- 150 [LAC 33:III.1305]
 151 [LAC 33:III.1311.B]
 152 [LAC 33:III.501.C.6]
 153 [LAC 33:III.507.H.1.a]
 154 [LAC 33:III.507.H.1.a]
 155 [LAC 33:III.507.H.1.a]

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
 Total suspended particulate <= 12 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified
 Flow rate >= 108 gallons/min.
 Which Months: All Year Statistical Basis: None specified
 Flow rate monitored by flow rate monitoring device once every four hours.
 Which Months: All Year Statistical Basis: None specified
 Flow rate recordkeeping by electronic or hard copy once every four hours.
 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.

EQT 0058 043-89 - Wet Scrubber for Cooler (CWS-3)

- 156 [LAC 33:III.1305]
 157 [LAC 33:III.1311.B]
 158 [LAC 33:III.501.C.6]
 159 [LAC 33:III.507.H.1.a]
 160 [LAC 33:III.507.H.1.a]
 161 [LAC 33:III.507.H.1.a]

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
 Total suspended particulate <= 12 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified
 Flow rate >= 98 gallons/min.
 Which Months: All Year Statistical Basis: None specified
 Flow rate monitored by flow rate monitoring device once every four hours.
 Which Months: All Year Statistical Basis: None specified
 Flow rate recordkeeping by electronic or hard copy once every four hours.
 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.

EQT 0059 044-89 - Wet Scrubber for Nuisance Dust Collector (WSD-4)

- 162 [LAC 33:III.1305]
 163 [LAC 33:III.1311.B]

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
 Total suspended particulate <= 12 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-V1
 Air - Title V Regular Permit Minor Mod

EQT 0059 044-89 - Wet Scrubber for Nuisance Dust Collector (WS-4)

- 164 [LAC 33:III.501.C.6] Flow rate \geq 68 gallons/min.
 Which Months: All Year Statistical Basis: None specified
- 165 [LAC 33:III.507.H.1.a] Flow rate recordkeeping by electronic or hard copy once every four hours.
- 166 [LAC 33:III.507.H.1.a] Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
- 167 [LAC 33:III.507.H.1.a] Flow rate monitored by flow rate monitoring device once every four hours.
 Which Months: All Year Statistical Basis: None specified

EQT 0060 045-89 - Beater Rotoclean (BR-1)

- 168 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
- 169 [LAC 33:III.1311.B] Total suspended particulate \leq 12 lb/hr. The rate of emission shall be the total of all emission points from the source.
- 170 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified
- 171 [LAC 33:III.507.H.1.a] Flow rate \geq 1.5 gallons/min.
- 172 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified
- 173 [LAC 33:III.507.H.1.a] Flow rate monitored by flow rate monitoring device once every four hours.
 Which Months: All Year Statistical Basis: None specified
- 174 [LAC 33:III.1305] Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
- 175 [LAC 33:III.1311.B] Flow rate recordkeeping by electronic or hard copy once every four hours.
 Which Months: All Year Statistical Basis: None specified

EQT 0061 046-89 - S/E PC Rotoclean

- 176 [LAC 33:III.1101.B] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
- 177 [LAC 33:III.1313.C] Total suspended particulate \leq 57.6 lb/hr. The rate of emission shall be the total of all emission points from the source.
- 178 [LAC 33:III.1311.B] Which Months: All Year Statistical Basis: None specified

EQT 0076 003-74-1 - High Pressure Boiler 2

- 179 [LAC 33:III.1101.B] Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
- 180 [LAC 33:III.1313.C] Which Months: All Year Statistical Basis: None specified
- 181 [LAC 33:III.1101.B] Total suspended particulate \leq 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
- 182 [LAC 33:III.1311.B] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER2009001
Permit Number: 2500-00009-V1
Air - Title V Regular Permit Minor Mod

EQT 0077 003-74-2 - High Pressure Boiler 3

178 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

EQT 0078 003-74-3 - High Pressure Boiler 4

180 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

EQT 0079 003-74-4 - High Pressure Boiler 5

182 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

EQT 0080 003-74-5 - High Pressure Boiler 6

184 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

EQT 0084 039-87 - #6 ACM Mill Exhaust - s&m

186 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER2009001
Permit Number: 2500-0009-V1
Air - Title V Regular Permit Minor Mod

EQT 0084 039-87 - #6 ACM Mill Exhaust - s&m

- 187 [LAC 33:III.1311.B] Total suspended particulate $\leq 4.78 \text{ lb/hr}$. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified
 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 188 [LAC 33:III.507.H.1.a] Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary.
 Which Months: All Year Statistical Basis: None specified
 Particulate matter (10 microns or less) $\geq 99\%$ removal efficiency.
- 189 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified
 Particulate matter (10 microns or less) $\geq 99\%$ removal efficiency.
- 190 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified
 Particulate matter (10 microns or less) $\geq 99\%$ removal efficiency.
- 191 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions monitored by visual inspection/determination daily.
 Which Months: All Year Statistical Basis: None specified
- 192 [LAC 33:III.507.H.1.a] Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

EQT 0085 001-09 - 1st Floor Production Center Dust Collector

- 193 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
 Pressure ≥ 12 inches w.c. Pressure differential across scrubber shall be maintained at ≥ 12 inches w.c.
 Which Months: All Year Statistical Basis: None specified
 Pressure monitored by pressure drop instrument once every four hours.
 Which Months: All Year Statistical Basis: None specified
 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
 Pressure recordkeeping by electronic or hard copy once every four hours.

GRP 0003 GRP3 - Boiler CAP

- Group Members: EQT 0001EQT 0002EQT 0076EQT 0077EQT 0078EQT 0079EQT 0080 Nitrogen oxides $\leq 237.00 \text{ tons/yr}$. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total NOx emissions exceed the maximum listed in this specific condition for any twelve consecutive month period.
 Which Months: All Year Statistical Basis: None specified
 Submit report: Due annually, by the 31st of March. Report the natural gas usage for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
 Submit report: Due annually, by the 31st of March. Report the Total NOx emissions for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER20090001
 Permit Number: 2500-00009-V1
 Air - Title V Regular Permit Minor Mod

GRP 0003 GRP3 - Boiler CAP

- 201 [LAC 33:III.507.H.1.a] Natural gas usage calculated by technically sound method monthly so that NOx emissions may be monitored. Keep records of the natural gas usage each month, as well as for the last twelve months. Make records available for inspection by DEQ personnel.
- 202 [LAC 33:III.507.H.1.a] Natural gas meter reading (obtain from a gas meter, electronic counter, etc.) recordkeeping by electronic or hard copy monthly. Keep records of the meter readings each month, as well as for the last twelve months. Make records available for inspection by DEQ personnel.
- 203 [LAC 33:III.507.H.1.a] Nitrogen oxides emissions recordkeeping by electronic or hard copy monthly. Keep records of the total NOx emissions each month, as well as the total NOx emissions for the last twelve months. Make records available for inspection by DEQ personnel.
- 204 [LAC 33:III.507.H.1.a] Nitrogen oxides emissions calculated by technically sound method monthly.

RLP 0005 005-74 - Char Klin North (Common Stack)

- 205 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

RLP 0006 006-74 - Char Klin South (Common Stack)

- 206 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

RLP 0007 003-74 - High Pressure Boilers

- 207 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

UNF 0001 UNF1 - Entire Facility

- 208 [40 CFR 70.5(a)(1)(iii)] Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 209 [40 CFR 70.6(a)(3)(iii)(A)] Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]

TPORD147

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER20090001
Permit Number: 2500-00009-V1
Air - Title V Regular Permit Minor Mod

UNF 0001 UNF1 - Entire Facility

- 210 [40 CFR 70.6(a)(3)(iii)(B)] Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]
- 211 [40 CFR 70.6(c)(5)(iv)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 212 [LAC 33:III.1.03] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.11.
- 213 [LAC 33:III.1.303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 214 [LAC 33:III.2.19] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 215 [LAC 33:III.535] Permittee shall comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537]
- 216 [LAC 33:III.561.A] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- 217 [LAC 33:III.561.B] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- 218 [LAC 33:III.919.D] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.
- 219 [LAC 33:III.927] Report the unauthorized discharge of any air pollutant into the atmosphere in accordance with LAC 33:I.Chapter 39, Notification Regulations and Procedures for Unauthorized Discharges. Submit written reports to the department pursuant to LAC 33:1.3925. Submit timely and appropriate follow-up reports detailing methods and procedures to be used to prevent similar atmospheric releases.